

1963 and 1958-continued

	1963													1958	
	Establishment s		All employees		Production, development, and exploration workers				Cost of supplies		Receipt s for services and shipment s				
	Total numbe	With 20 emplo yees or more	Total (numbe	Payroll (\$1,000)	Total (numbe	Man- hours	Wages (\$1,000)	Value added in mining (\$1,000)	Purchas ed energy and contract work (\$1,000)	Cost of purchas ed machine rv installed (\$1,000)	(\$1,000)	Capital expendi- tures (\$1,000)	All employe es (number)	Value added in mining (\$1,000)	
(INDUSTRY 1389 - OIL AND GAS FIELD SERVICES, N.E.C. - Continued)															
Principal Type of Service	3,003		48,274	265,749	39,028	84,076	199,414	498,029	226,864	62,010	718,754	68,154	147,278	455,994	
and Geographic Area	268	434													
United States, total	56	29	11,138	81,805	8,251	933	55,201	173,821	9	22,134	4	23,999	12,081	4	
Well surveying and well logging and	506	11		3,187	648	1,110	2,385	4,147	73,379	199	245,33	285	1,014	167,391	
Building (erecting), repairing, or dismantling rigs and derricks	485	87	799	2,765	517	10,657	2,281	5,730	1,196	984	5	780	654	7,159	
Excavating slush pits and cellars	61		630	25,730	5,298	713	22,323	5,730	1,837	6,595	5,257	6,978	7,106	5,881	
Running, cutting, and pulling casing tubes and rods, total	70		5,900	23,995	4,957	9,944	1,625	52,557	1,837	2,73	5,257	6,446	6,626	48,763	
	273	9	377	10,909		2,474	20,698	48,061	13,149	6,322	7,771	3,555	3,412	45,351	
	12		5,523	26,990	866		5,590	24,206	12,462	9,189	65,323	8,143	4,100		
Without well operations	261	10	1,582	11,370		7,671		22,101	6,154	1,118	29,057	2,953	3,705	48,507	
Perforating well casing (without well operations),	140	41		11,038	2,772	4,639	18,876	21,165		2,838	99,008	1,965	3,888		
Acidizing and other chemical treatment of wells (without well operations)	136	1	10,097	2,401	145	10,014	21,165	16,819	49,901	1,557	26,440	1,949	296	44,668	
Cleaning out, bailing out, or	55	40	3,761	9,904	94	4,494	323	16,400	4,433	543	25,340	282	3,592	29,734	
	135	34	2,786	1,875	94	3,424	9,691	3,843	143	262	19,600	256	2,157	2,102	
	126	33	97	2,271	2,307	3,299	7,934	4,036	4,290	251	19,114	18,407	2,157	27,632	
	1,383	5	2,689	88,750	1,828	680	7,741	3,779	3,189	15,339	5,390	16,020	270	12,622	
	80	5	2,228	3,493	478	885	1,696	142,708	3,108	2,043	4,691	2,387	270	4,207	
	1,303	7	497	85,257	437	885	1,522	9,509	1,015	13,296	4,891	3,763	213	2,118	
With well operations	545	187	15,948	15,446	30,937	71,396	133,199	1,117	71,242	8	11,942	54	11,429	84,944	
Without well operations	19	39	18,327	507	29,923	68,957	9	1,117	2,777		198,940			2,934	
Installing production equipment, such as well-head fittings, pumps	15	1	926		9	98	272	969	68,465	71		54	(NA)	82,010	
	13	8	3,846	324	3,283	283	659	2,037	9,549	342	41,358	105	(NA)	(NA)	
Erecting, cleaning, repairing and	142	1	60	3,985	50	124	311	521	156	666	1,079	84	163	(NA)	
Pumping wells, but not operating	135	4	170	3,719	109	1,837	7,320	1,107	632	3,161	198		1,657		
	14	6	62	356	61	1,702	3,121	6,644	219	152		61	236	7,984	
Other oil and gas field services, n.e.c., total	37	1	991	938	62	110	204	1,034	1,584	92	8,768	356	(NA)	1,420	
	31	2	925	1,367	818	152	374	834	1,445	232	8,003	403	(NA)	6,564	
			56	429	44	404	781	1,922	419	406	1,407		(NA)	(NA)	
Without well operations	30	3	412	59	59			483						(NA)	
North Central	10	£	65	786	226	545	1,248	2,457	422	27	1,348	36	223	(NA)	
Well surveying and well logging	6		273	1,261	381	137	320	816	455	33	2,220	49	231	1,616	
Cementing wells (without well	32		408	333		169	399	677	598	149	2,915	169	65	1,206	
Excavating slush pits and cellars	6		101		74	216	563	1,493	131	490	1,405	109	(NA)	(NA)	
Running, cutting and pulling casing,			91		87	370	888	2,656	258				(NA)	358	
			131		102	127	266	743	(D)		792		(NA)	(NA)	
With well operations			252		185			154			3,227			(NA)	
Without well operations			68		51						882			(NA)	
Perforating well casing (without well operations)															
Acidizing and other chemical treatment of wells (without well															
Cleaning out, bailing out, or swabbing wells															
Installing production equipment, such as well-head fittings, pumps															
Pumping wells, but not operating															
Michigan: Running, cutting and pulling casing,															
and rods, total															
North Dakota: Running, cutting and pulling casing,															
tubes and rods (without well															

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